

The Unit Organizer

④ BIGGER PICTURE

NAME Ms. Filardo

DATE 3/8/2010

Problem solving and equations

② LAST UNIT/Experience

Systems of Linear Equations

①

CURRENT UNIT

Exponents and Exponential Equations

③

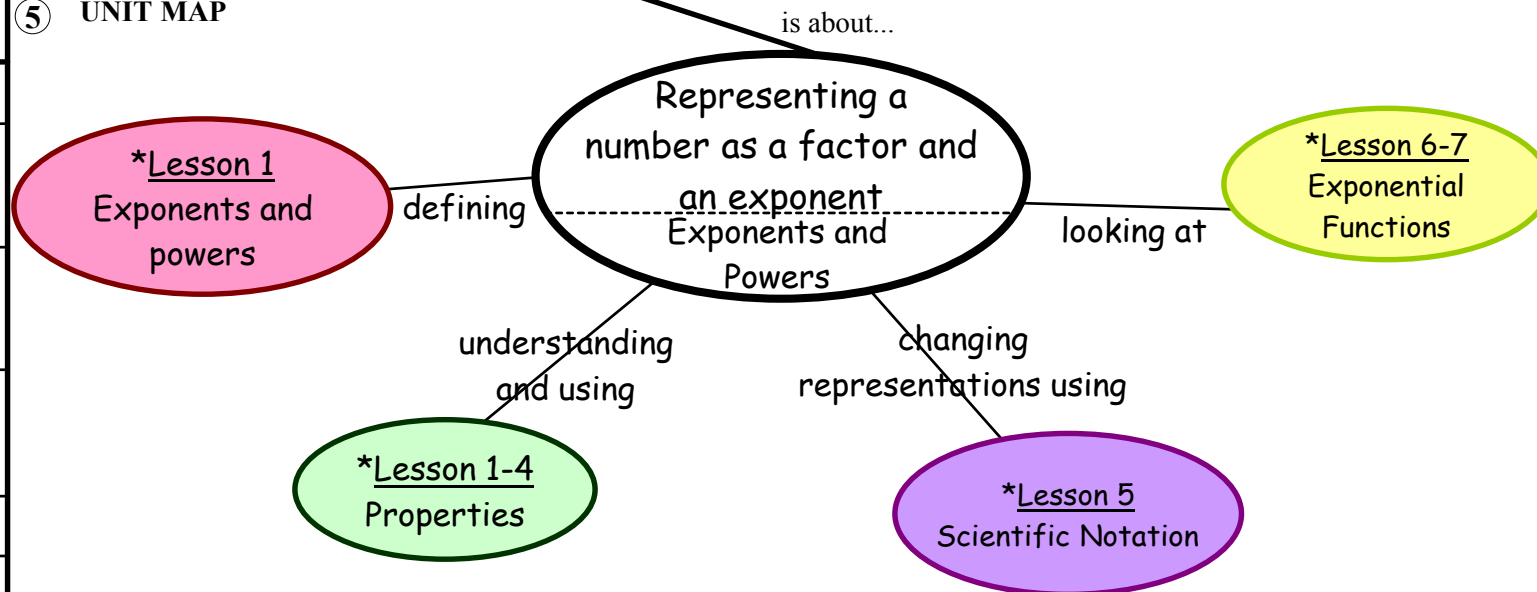
NEXT UNIT/Experience

Polynomials and Factoring

⑧ UNIT SCHEDULE

	*Pre-Assessment
8.1	*Intro to Exponents Multiplying Monomials
8.2	*Products and Powers
8.3	*Dividing Exponents
8.4	*Negative and Zero Exponents
8.5	*Scientific Notation *Quiz 8.1-8.5
8.6	*Exponential Functions
8.7	Applications of Exponential Functions
	Review
	Post-Assessment
	*Links to guided notes or quiz/test

⑤ UNIT MAP



⑦ UNIT SELF-TEST QUESTIONS

1. What is a power?
2. How does simplifying powers change the expression?
3. How is scientific notation used?
4. How does a change in exponent change the way a graph looks?

⑥ UNIT RELATIONSHIPS

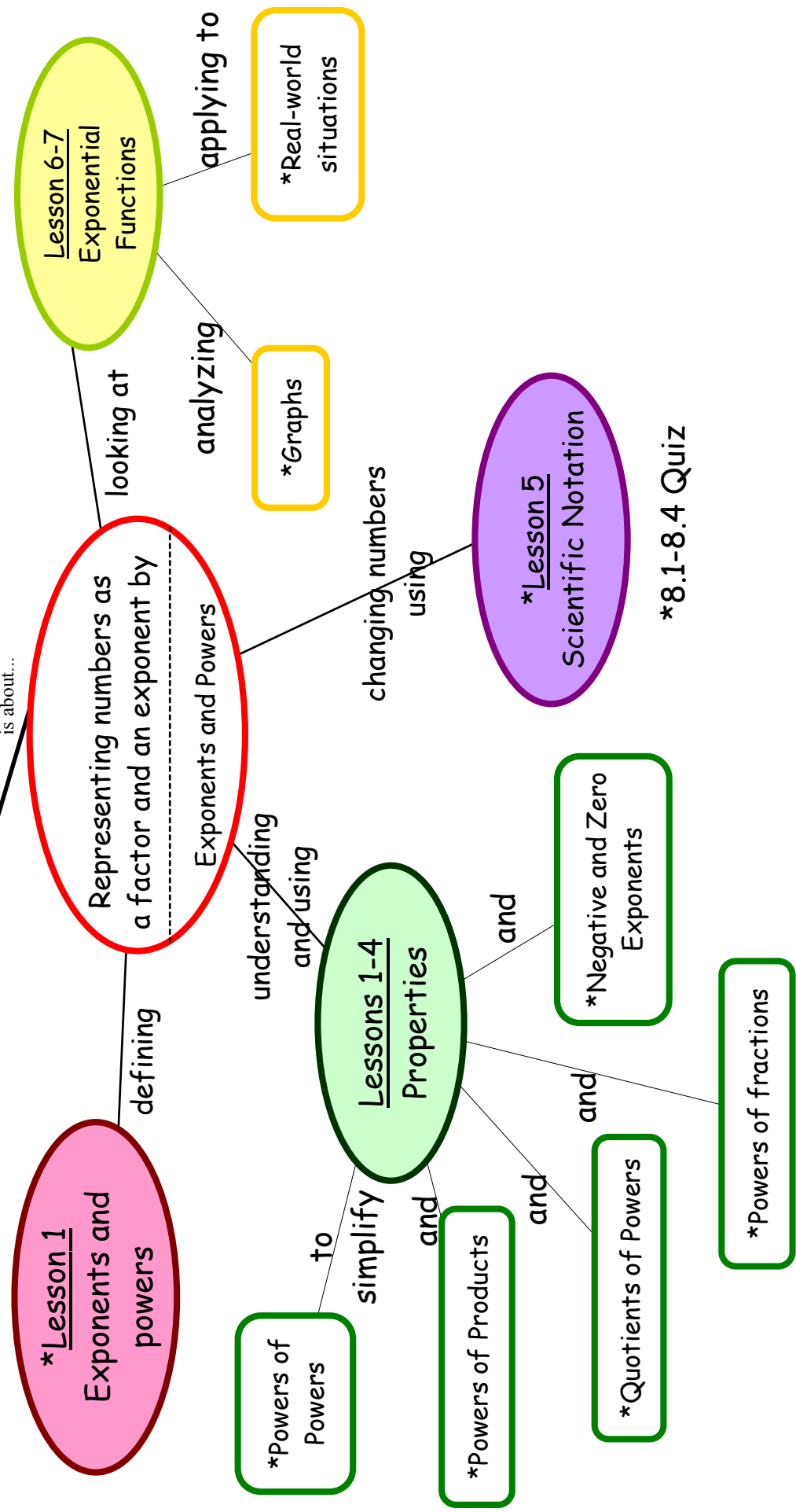
identify
recognize (patterns)
characteristics
simplify

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Exponents and Exponential Equations

9 EXPANDED UNIT MAP



*links

*Chapter Review

10 NEW UNIT SELF-TEST QUESTIONS

Notes

This Unit Organizer would be used in introduction of the new unit and to bridge from one topic to the next within the unit.

Unit Organizer Links to extensions/components of GIST

Unit Schedule-Each of the topics in the schedule links to the specific document used for that day (Pre-Assessment, Guided Notes, quiz, etc)

Lesson Bubbles-Link to the Lesson Organizer(s) covering each of these topics (I have made a separate lesson organizer for each lesson to further focus and show relationships within the topic)

Expanded Unit Map

Lesson Bubbles-Link to the Lesson Organizer, documents used for that lesson (guided notes, quiz, etc), and examples for that day.

Extra links for activities related to Review and the Chapter quiz

Specific Extensions:

Guided Notes

Geogebra Graphing Example (exported as webpage for Lesson 6)

Clicking on the subtitle for the unit ("exponents and powers") also links to a "backwards crossword" vocabulary activity which can be part of any lesson (or all lessons) of the unit.

Lesson Organizers have been created for each lesson in the unit.